



OSMM&N File No. 211842US2PCT

Dept.: PP

Serial No. 09/890,261

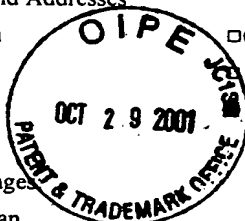
By: MIS/sdc

In the matter of the Application of: Thierry LIVACHE, et al.

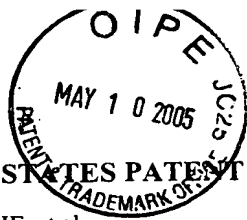
For: METHOD FOR PRODUCING MATRICES OF ADDRESSED LIGANDS ON A CARRIER

The following has been received in the U.S. Patent Office on the date stamped hereon:

- ☐ pp. Specification & Claims/Drawings Sheets
- ☐ Combined Declaration, Petition & Power of Attorney pages
- ☐ List of Inventor Names and Addresses
- ☐ Utility Patent Application
- ☐ Notice of Priority
- ☐ Check for
- ☐ Fee Transmittal Form
- ☐ Assignment/PTO-1595 pages
- ☐ Letter to Official Draftsman
- ☐ Letter Requesting Approval of Drawing Changes
- ☐ Drawings sheets ☐ Formal
- ☐ Letter
- ☐ Amendment
- ☒ Information Disclosure Statement ☒ PTO-1449
- ☒ Cited References ( 7 )
- ☒ INTERNATIONAL and FRENCH Search Report (with English translation of category of cited documents)
- ☒ Statement of Relevancy
- ☐ IDS/Related/List of Related Cases ☐ Cited Pending Applications ( )
- ☐ Restriction Response ☐ Election Response
- ☐ Rule 132 Declaration
- ☐ Petition for Extension of Time
- ☐ Notice of Appeal
- ☐ Brief
- ☐ Issue Fee Transmittal
- ☐ White Advanced Serial Number Card



**COPY**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Thierry LIVACHE, et al.

SERIAL NO: 09/890,261

GAU: 1743

FILED: August 7, 2001

EXAMINER:

FOR: METHOD FOR PRODUCING MATRICES OF ADDRESSED LIGANDS ON A CARRIER

**INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97**

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references, some of which are cited in the attached International and French Search Report listed on the attached form PTO-1449. Copies of reference(s) AA through AN, AT and AU, have been received by the U.S. PCT Receiving Office from the International Bureau as acknowledged in the Notification of Acceptance.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT P.C.

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Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 211842US2PCT		SERIAL NO. 09/890,261	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Thierry LIVACHE, et al.			
				FILING DATE August 7, 2001		GROUP 1743	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	5,486,337	01/23/96	T. OHKAWA			
	AB	5,828,133	10/27/98	P. CAILLAT, et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AL	WO 98/58745	12/30/98	WIPO			
	AM	WO 98/01221	01/15/98	WIPO			
	AN	WO 97/49987	12/31/97	WIPO			
	AO	2 319 838	06/03/98	GREAT BRITAIN			
	AP	WO 94/22889	10/13/94	WIPO (with English Abstract)			X
	AQ						
	AR						
	AS						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AT	T. LIVACHE, et al., Analytical Biochemistry, Vol. 255, pps. 188-194, "POLYPYRROLE DNA CHIP ON A SILICON DEVICE: EXAMPLE OF HEPATITIS C VIRUS GENOTYPING," 1998					
	AU	Patent Abstracts of Japan, JP 7-213926, August 15, 1995					
	AV	T. LIVACHE, et al., Biosensors & Bioelectronics, Vol. 13, pps. 629-634, "ELECTROCONDUCTING POLYMERS FOR THE CONSTRUCTION OF DNA OR PEPTIDE ARRAYS ON SILICON CHIPS," 1998					
	AW	S. P. A. FODOR, et al., Science, Vol. 251, pps. 767-773, "LIGHT-DIRECTED, SPATIALLY ADDRESSABLE PARALLEL CHEMICAL SYNTHESIS," February 1991					
	AX	K. R. KHRAPKO, et al., J. DNA Sequencing and Mapping, Vol. 1, pps. 375-388, "A METHOD FOR DNA SEQUENCING BY HYBRIDIZATION WITH OLIGONUCLEOTIDE MATRIX," 1991					
	AY	T. LIVACHE, et al., Nucleic Acids Research, Vol. 22, No. 15, pps. 2915-2921, "PREPARATION OF A DNA MATRIX VIA AN ELECTROCHEMICALLY DIRECTED COPOLYMERIZATION OF PYRROLE AND OLIGONUCLEOTIDES BEARING A PYRROLE GROUP," 1994					
	AZ	S. A. EMR, et al., Electroanalysis, Vol. 7, No. 10, pps. 912-923, "USE OF POLYMER FILMS IN AMPEROMETRIC BIOSENSORS," 1995					
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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